WHAT IS CLAIMED IS:

- 1 1. A communication device, comprising:
- an acquiring unit operable to acquire a communication
- 3 distance indicating how far the communication device is from
- 4 another communication device in data communication;
- 5 a distance judging unit operable to judge whether the
- 6 acquired communication distance is less than or equal to a
- 7 predetermined value; and
- 8 a communication unit operable, when judged in the
- 9 affirmative, to conduct content transmission/reception with
- 10 the other communication device.
- 1 2. The communication device of claim 1, wherein
- 2 the communication unit conducts data communication
- 3 with the other communication device prior to conducting the
- 4 content transmission/reception, and
- 5 the communication distance indicates how many relay
- 6 devices data transmitted by the other communication device
- 7 passed through before reaching the communication device.
- 1 3. The communication device of claim 2, wherein
- 2 the communication distance indicates how many routers,
- 3 as the relay devices, the data passed through from the other
- 4 communication device to the communication device.

- 1 4. The communication device of claim 3, wherein
- 2 the communication unit conducts the data communication
- 3 in a packet format that includes a time-to-live whose value
- 4 decreases by "1" for every router passed through, and
- 5 the acquiring unit uses the time-to-live in acquiring
- 6 the communication distance.
- 1 5. The communication device of claim 4, further comprising:
- a key sharing unit operable to share key information
- 3 with the other communication device.
- 1 6. The communication device of claim 5, further comprising:
- an encryption unit operable, using the shared key
- 3 information, to encrypt contents and decrypt encrypted
- 4 contents, wherein
- 5 the communication unit transmits/receives encrypted
- 6 contents.
- 1 7. The communication device of claim 6, wherein
- each packet received from the other communication
- 3 device includes first identification information that
- 4 uniquely identifies a router to which the other communication
- 5 device is connected, and
- the communication device further comprises:

- 7 a router-information acquiring unit operable to
- 8 acquire second identification information that uniquely
- 9 identifies a router to which the communication device is
- 10 connected;
- an ID judging unit operable to judge whether the first
- 12 identification information matches the second
- 13 identification information; and
- 14 a suppressing unit operable, if judged in the negative,
- 15 to suppress the content transmission/reception by the
- 16 communication unit.
- 1 8. The communication device of claim 7, wherein
- a data size of each packet transmitted/received by the
- 3 communication unit is equal to a maximum transmission unit
- 4 of a network to which the communication unit is connected,
- 5 and
- 6 transmission/reception of partial packets is
- 7 prohibited.
- 1 9. The communication device of claim 8, wherein
- 2 the time-to-live included in each packet received from
- 3 the other communication device is set to a predetermined
- 4 value at the time of transmission, and
- 5 the acquiring unit reads a value of the time-to-live

- 6 from the received packet, and acquires the communication
- 7 distance based on the difference between the read value and
- 8 the predetermined value of the time-to-live.
- 1 10. The communication device of claim 9, wherein
- the predetermined value of the time-to-live is "1".
- 1 11. The communication device of claim 10, wherein
- at least part of each packet received/transmitted by
- 3 the communication unit is encrypted, and
- 4 the encryption unit outputs each received packet to the
- 5 acquiring unit after decrypting the encrypted part of the
- 6 packet, and outputs each packet for transmission to the
- 7 communication unit after encrypting at least part of the
- 8 packet.
- 1 12. The communication device of claim 1, wherein
- 2 the communication distance indicates a distance
- 3 between the communication device and the other communication
- 4 device.
- 1 13. The communication device of claim 1, wherein
- 2 the communication distance indicates a time period
- 3 required in data communication between the communication

- 4 device and the other communication device.
- 1 14. A content distribution system in which a content is
- 2 transmitted from a transmission device to a reception device,
- 3 the transmission device including:
- an acquiring unit operable to acquire a communication
- 5 distance indicating how far the communication device is from
- 6 another communication device in data communication;
- a distance judging unit operable to judge whether the
- 8 acquired communication distance is less than or equal to a
- 9 predetermined value; and
- a transmission unit operable, when judged in the
- 11 affirmative, to transmit the content to the reception device,
- 12 and
- the reception device operable to receive the content
- 14 transmitted by the transmission device.
- 1 15. A content distribution method used by a communication
- 2 device, comprising the steps of:
- 3 acquiring a communication distance indicating how far
- 4 the communication device is from another communication
- 5 device in data communication;
- 6 judging whether the acquired communication distance is
- 7 less than or equal to a predetermined value; and

- 8 conducting content transmission/reception with the
- 9 other communication device when judged in the affirmative.
- 1 16. A content distribution computer program used by a
- 2 communication device, comprising the steps of:
- 3 acquiring a communication distance indicating how far
- 4 the communication device is from another communication
- 5 device in data communication;
- 6 judging whether the acquired communication distance is
- 7 less than or equal to a predetermined value; and
- 8 conducting content transmission/reception with the
- 9 other communication device when judged in the affirmative.
- 1 17. An LSI for executing a content distribution computer
- 2 program used by a communication device, the program
- 3 comprising the steps of:
- 4 acquiring a communication distance indicating how far
- 5 the communication device is from another communication
- 6 device in data communication;
- 7 judging whether the acquired communication distance is
- 8 less than or equal to a predetermined value; and
- 9 conducting content transmission/reception with the
- 10 other communication device when judged in the affirmative.